

Converting Colors

XYZ(31.9521, 32.8038, 94.2976)

Have a look what the booklet for
XYZ(31.9521, 32.8038, 94.2976)
contains.

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Color

**XYZ(32.0228, 32.9379,
94.2924)**

Conversions

Conversions Part 1

Format	Color
Hex	469FF9
RGB	70, 159, 249
RGB Percent	27%, 62%, 98%
CMY	0.7254, 0.3765, 0.0235
CMYK	0.72, 0.36, 0.00, 0.02
HSL	210°, 94%, 63%
HSV	210°, 72%, 98%
XYZ	32.0228, 32.9379, 94.2924
YIQ	142.6490, -81.9340, 9.1220

Conversions

Conversions Part 2

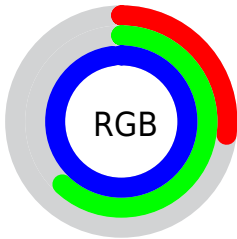
Format	Color
R _Y B	70, 129, 249
Decimal	4628473
CIE Lab	64.11, 2.61, -52.51
CIE LCh	64, 52.578, 272.849
Yxy	32.9379, 0.2011, 0.2068
Android (android.graphics.Color)	4282818553 (0xFF469FF9)
YUV	142.6490, 52.4310, -63.7132
Hunter-Lab	57.3915, -0.8375, -57.2374

Details

The XYZ color **32.0228, 32.9379, 94.2924** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **52.7459, 45.7279, 11.8427**, and the grayscale version is **25.7918, 27.1350, 29.5500**.

A 20% lighter version of the original color is **52.3255, 60.2118, 103.4719**, and **14.8770, 14.5309, 51.8898** is the 20% darker color. If you saturate the color by 10%, you get **28.5394, 28.1065, 93.5442**, and if you desaturate by 10%, it is **36.4709, 38.5912, 95.1499**.

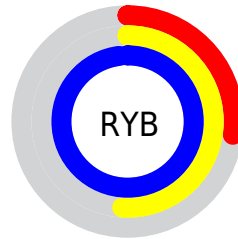
Distribution



Red (27%)

Green (62%)

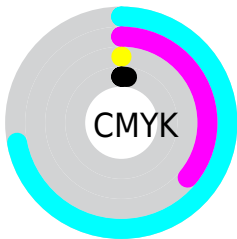
Blue (98%)



Red (27%)

Yellow (51%)

Blue (98%)

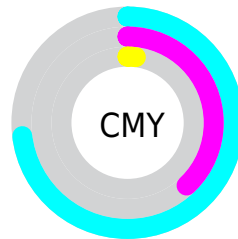


Cyan (72%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (73%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0228, 32.9379, 94.2924 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.0228, 32.9379, 94.2924 by changing the saturation by 10% instead.

■ 32.0228, 32.9379,
94.2924

■ 32.0228, 32.9379,
94.2924

302.9665,
315.3698, 562.8236

■ 21.5345, 22.0789,
70.9525

■ 62.2118, 64.2786,
155.2738

■ 13.6300, 13.9149,
51.8219

■ 82.6432, 85.5290,
193.7525

■ 7.9437, 8.0615,
36.4819

■ 107.1198,
111.0120, 238.1145

■ 4.1105, 4.1343,
24.5139

■ 136.0068,
141.1120, 288.7784

■ 1.7648, 1.7490,
15.4996

169.6696,
176.2134, 346.1627

■ 0.4963, 0.4551,
9.0202

208.4736,

■ 0.0000, 0.0000,

216.7006, 410.6859

4.6574

252.7841,
262.9579, 482.7667

■ 0.0000, 0.0000,
1.9925

■ 0.0000, 0.0000,
0.5507

■ 32.0228, 32.9379,
94.2924

■ 32.0228, 32.9379,
94.2924

■ 28.5394, 28.1065,
93.5442

■ 36.4709, 38.5912,
95.1499

■ 25.9115, 24.0300,
92.8958

■ 41.9680, 45.1178,
96.1199

■ 24.2814, 21.2043,
92.4363

■ 48.5925, 52.5673,
97.2087

■ 56.4137, 60.9841,
98.4210

■ 65.4950, 70.4088,
99.7616

■ 75.8947, 80.8797,
101.2345

■ 87.6678, 92.4325,
102.8439

■ 94.0990, 99.6196,
103.8922

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.2236, 32.9379, 86.0449



32.0228, 32.9379, 94.2924



39.7220, 32.9379, 82.4473

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.0228, 32.9379, 94.2924



44.9229, 32.9379, 17.9193



20.2277, 32.9379, 20.2328

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.0228, 32.9379, 94.2924



52.7459, 45.7279, 11.8427

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.1723, 32.9379, 11.2869



32.0228, 32.9379, 94.2924



38.2963, 32.9379, 10.3708

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.0228, 32.9379, 94.2924



47.8718, 32.9379, 33.8660



30.6009, 32.9379, 8.5393



19.0855, 32.9379, 37.9386

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.0228, 32.9379, 94.2924



44.1442, 32.9379, 66.7195



30.6009, 32.9379, 8.5393



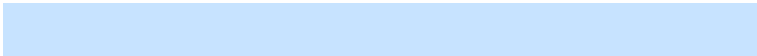
21.2355, 32.9379, 16.3802

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.0241, 32.9390, 94.2932



68.9888, 74.1727, 105.2884



42.7047, 71.5753, 44.5965



14.1816, 15.2757, 22.4510



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.0241, 32.9390, 94.2932



28.8515, 27.7584, 98.4450



21.8166, 12.5240, 90.8908



16.9959, 18.0686, 21.9771



13.1393, 11.6341, 49.5266



1.3229, 1.2894, 4.6223

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.5163, 27.0250, 35.5136



46.9520, 24.5397, 28.9415



74.0491, 88.3341, 18.9438



17.6045, 17.3691, 19.7729



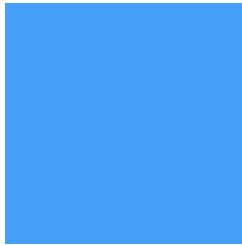
22.9241, 11.5854, 11.5748



2.1766, 1.0944, 1.3536

Previews

White Background



This preview shows how the XYZ color 32.0228, 32.9379, 94.2924 looks on a white background.

Color Contrast Check

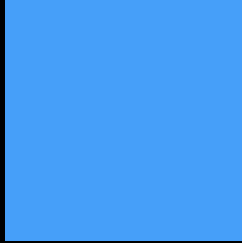
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.0228, 32.9379, 94.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

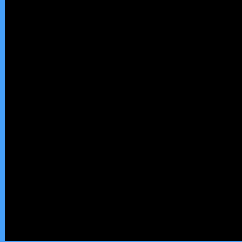
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

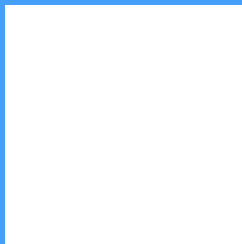
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0228, 32.9379, 94.2924

Background



This preview shows how black text looks on a background with the XYZ color 32.0228, 32.9379, 94.2924.



This preview shows how white text looks on a background with the XYZ color 32.0228, 32.9379,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.0228, 32.9379, 94.2924

Protanopia

34.9788, 32.6090, 88.4550

Deuteranopia

33.9064, 32.8862, 95.0031



Tritanopia

23.5095, 33.0078, 51.0310

Trichromacy



Original Color

32.0228, 32.9379, 94.2924

Protanomaly

33.5165, 32.5286, 90.8983

Deuteranomaly

33.0743, 32.7053, 95.0120

Tritanomaly

25.6048, 32.3982, 64.5785

Monochromacy



Original Color

32.0228, 32.9379, 94.2924

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3934, 28.5853, 48.3824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0228, 32.9379, 94.2924 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(70, 159, 249)` looks like.

```
.text, #text, p{  
    color:rgb(70, 159, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(70, 159, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 159, 249) }
```

Border

The CSS property to change the border of an element to XYZ 32.0228, 32.9379, 94.2924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(70, 159, 249) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(70, 159, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(70, 159, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 159, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 159, 249);  
box-shadow:4px 4px 4px 4px rgb(70, 159,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0228, 32.9379, 94.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 159, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(70, 159,  
249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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